

PASSAIC VALLEY SEWERAGE COMMISSIONERS
LIQUID WASTE ACCEPTANCE PROGRAM
APPLICATION FOR INDUSTRIAL LIQUID WASTE

THIS APPLICATION TO BE COMPLETED BY WASTE GENERATOR

1. Waste Generator Name: READINGTON FARMS, INC.
2. Waste Generator Address: 12 MILL ROAD, PO BOX 164
WHITEHOUSE, NJ Zip Code: 08888
3. Waste Generator Telephone Number: 908-534-2121 Fax No.: 908-534-5235
4. Waste Generator US EPA ID No. (if any): _____
5. Person to contact concerning information provided in this application:
Name of Contact: LAWRENCE KURZ
Title: VP PRODUCTION
Phone No.: 908-534-2121 X203 Fax No.: 908-534-5235
Address: SAME AS ABOVE
Zip Code: _____

BILLING INFORMATION

6. Billing Contact Name: RUSSELL REID
7. Billing Contact Address: 200 SMITH STREET, PO BOX 130
KEASBEY, NJ Zip Code: 08832
8. Billing Contact Telephone Number: 732-225-2238 Fax No.: 732-417-0367

FACILITY INFORMATION [COMPLETE 9-12 ONLY IF DIFFERENT FROM 1-4 ABOVE]

9. Facility Name: _____
10. Facility Address: _____
_____ Zip Code: _____
11. Facility Telephone Number: _____ Fax No.: _____
12. Facility US EPA ID No. (if any): _____
13. Facility NPDES or NJPDES No. (if any): _____

14. Brief description of manufacturing or other activity performed at facility: PRODUCTION & PACKAGING OF DAIRY PRODUCTS

List SIC CODE # with description: 2026 FLUID MILK

15. Is the Liquid Waste subject to applicable categorical pretreatment standard(s)? Yes/No NO
If so, list current control authority: _____

******NOTE: IF THE WASTE IS SUBJECT TO A CATEGORICAL PRE-TREATMENT STANDARD, CONTACT PVSC FOR A "CATEGORICAL WASTE ADDENDUM" TO THIS APPLICATION.**

16. List the industrial category for the Liquid Waste, if applicable: _____
Subpart (s): _____

17. List the pre-treatment control authority which you are currently reporting to: _____

18. Is facility in compliance? Yes/No _____ If not, and if compliance date has passed, explain actions being taken to get into compliance: _____

PRETREATMENT

19. Does the Liquid Waste exceed any of the applicable categorical pretreatment standard(s) for this Liquid Waste?
Yes/No NO

RCRA

20. Does the Liquid Waste come from a facility, or any portion of the facility, that is regulated as a Federal and/or State Resource Conservation and Recovery Act (RCRA) facility for treatment, storage, or disposal?
Yes/No NO If YES, explain: _____

IF YOUR RESPONSE IS "YES" TO ANY OF THE QUESTIONS NUMBERED 21 THROUGH 26 OR 28, PLEASE DO NOT PROCEED ANY FURTHER WITH THIS APPLICATION BECAUSE THE LIQUID WASTE CANNOT BE ACCEPTED FOR TREATMENT AT THE PASSAIC VALLEY SEWERAGE COMMISSIONERS WWTP.

21. Is the Liquid Waste a listed RCRA hazardous waste (40 CFR 261, N.J.A.C. 7:26G-1 et seq.) (F, P, K, U listed waste)?
Yes/No NO

22. Is the Liquid Waste a characteristic RCRA hazardous waste (40 CFR 261, N.J.A.C. 7:26G-1 et seq.) (D waste)?
Yes/No NO

23. Is the Liquid Waste a mixture of a RCRA hazardous waste (40 CFR 261, N.J.A.C. 7:26G-1 et seq.) with a non-hazardous waste?
Yes/No NO

24. Is the Liquid Waste derived from a listed RCRA hazardous waste (40 CFR 261, N.J.A.C. 7:26G-1 et seq.)?
Yes/No NO

25. Is the Liquid Waste the product of a spill/cleanup of a listed RCRA hazardous waste (40 CFR 261, N.J.A.C. 7:26G-1 et seq.)?
Yes/No NO

26. Was the Liquid Waste a listed RCRA hazardous (40 CFR Part 261) as generated and rendered RCRA non-hazardous by pretreatment? Yes/No NO

27. Please provide any exclusions which may render the waste RCRA non-hazardous (40 CFR 261, N.J.A.C. 7:26G-1 et seq.) _____

OTHER

28. Does the Liquid Waste contain substances in concentrations that are regulated by the Toxic Substances Control Act (TSCA) (40 CFR Subchapter R) including PCBs (40 CFR 761)? Yes/No NO

IF YOUR RESPONSE IS "YES" TO ANY OF THE QUESTIONS NUMBERED 21 THROUGH 26 OR 28 ABOVE, PLEASE DO NOT PROCEED ANY FURTHER WITH THIS APPLICATION. THE LIQUID WASTE CANNOT BE ACCEPTED FOR TREATMENT AT THE PASSAIC VALLEY SEWERAGE COMMISSIONERS (PVSC) WWTP. ANY PERSON DISCHARGING SUCH LIQUID WASTE VIA TRUCK TO PVSC'S WWTP FOR TREATMENT WILL BE SUBJECT TO PUNISHMENT INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

PROPERTIES OF THE LIQUID WASTE

29. Name of Liquid Waste: DAIRY WATER

Sludge X Graywater _____

30. Description of process generating the Liquid Waste: CLEANING OF PROCESSING EQUIPMENT

(Attach process flow diagram)

31. Principal raw materials used in the process generating the Liquid Waste: WASH WATER CONSISTING OF SODIUM HYDROXIDE, PHOSPHORIC ACID, NITRIC ACID & SULFURIC ACID

32. Principal products (or service) from which the Liquid Waste is generated: MILK, ORANGE JUICE, ICED TEAS, CITRUS PUNCHES & BELLY WASH DRINKS

33. Has the Liquid Waste been pretreated? Yes/No YES
If so, describe pretreatment process in use: pH ADJUSTMENT VIA ACID NEUTRALIZATION TANK

(Attach pretreatment process flow diagram)

34. Is the Liquid Waste generated as a result of a site cleanup/compliance activity?: Yes/No NO
If so, describe cleanup/compliance activity and the regulatory program: _____

35. Estimated quantity of Liquid Waste to be delivered:

Estimated gallons per week: 100 K
Estimated gallons per year: 4.8 MILLION
Estimated length of disposal services needed (months, years, one time, etc.):
YEARS

PLEASE NOTE THAT FOR DISPOSAL SERVICES EXTENDING BEYOND ONE YEAR, A COMPLETED LIQUID WASTE ACCEPTANCE PROGRAM "APPLICATION FOR INDUSTRIAL LIQUID WASTE" MUST BE SUBMITTED ANNUALLY.

36. Liquid Waste Composition (major components and CAS numbers):

Component	Concentration Range (wt.% or ppm)		
	Lower	Upper	Typical
WASH WATER			> 97%
NITRIC ACID (7697-37-2)			
SODIUM HYDROXIDE (1310-73-2)			
SULFURIC ACID (7664-93-9)			< 1%
SODIUM HYPOCHLORITE (7681-52-9)			
PHOSPHORIC ACID (7664-38-2)			< 2%
SANITARY WASTE WATER			

37. Is Liquid Waste currently disposed at one or more facilities? If so, please provide the following information for the current facility or facilities:

FACILITY 1

Facility Name _____
Facility Address _____
Type of Facility _____
Facility Permit Number _____
Type of Permit _____
Is Liquid Waste handled as RCRA hazardous or non-hazardous waste by this facility? _____
Provide any limitations on the Liquid Waste imposed by this facility _____

FACILITY 2

Facility Name _____
Facility Address _____
Type of Facility _____
Facility Permit Number _____
Type of Permit _____
Is Liquid Waste handled as RCRA hazardous or non-hazardous waste by this facility? _____
Provide any limitations on the Liquid Waste imposed by this facility _____

38. Is or has the facility ever been connected to a municipal sewer system? Yes/No YES

If so, explain why this Liquid Waste is not discharged to the sewer OUR VOLUME EXCEEDS
45,000 GPD SIU PERMIT

39. Is there a separate component of the Liquid Waste stream disposed at other facilities, such as a sludge component?
Yes/No NO

If so, is the separate component disposed as a RCRA hazardous waste? Yes/No _____

If so, indicate RCRA hazardous waste code(s) _____

40. Is the Liquid Waste subject to reporting requirements under New Jersey Sludge Quality Assurance Regulations, also referred to as SQAR (N.J.A.C. 7:14-4 et seq.), or the equivalent in the generator's state?: Yes/No _____

If so, attach copies of SQAR or equivalent reports for the last six (6) months to this form.

41. Is the Liquid Waste known to gel or solidify? Yes/No NO

42. Is the Liquid Waste known to be incompatible or reactive with other chemicals? Yes/No NO

If so, list incompatibility(ies) _____

ANALYSIS OF LIQUID WASTE

43. Does Liquid Waste contain separate phase organic material (floating or sinking oils or solvents) or solids?
Yes/No NO If yes, please list all phases _____

44. Analysis for all separate phases of the Liquid Waste must be performed on a representative sample collected:

Samples collected by: TODD SMITH Date: 9/02/04

Samples analyzed by: QC Laboratories Date: 9/3,7,8,9,10,14,15/04

Products being manufactured when sample was collected: MILK, ORANGE JUICE,
MISC DRINKS

ALL SEPARATE PHASES MUST BE SAMPLED SEPARATELY. ALL SEPARATE PHASES MUST BE ANALYZED SEPARATELY AND REPORTED BY A STATE CERTIFIED ANALYTICAL LABORATORY (IN ALL ANALYSES PROVIDED). THE ANALYSES SUBMITTED MUST BE FOR THE LIQUID WASTE STREAM THAT IS THE SUBJECT OF THIS APPLICATION.

List State laboratory certification number NJDEP PA166

45. Analysis for all separate phases of the Liquid Waste must be performed on a representative sample collected for the waste stream:

For a GRAYWATER (typically less than 2% Total Solids) analyze for the parameters listed in Table 1A. Analysis for any metals listed in Table 1A should be for Total Metals (NOT TCLP METALS, WHICH ARE REQUIRED IN TABLE 3). Attach a complete laboratory analysis for all results listed in Table 1A including the Chain-of-Custody and signed Lab Certification.

Table 1A – GRAYWATER

Parameter	Value	Limit (mg/L)	Parameter	Value	Limit (mg/L)
Total Solids			Arsenic (As)		0.15
Volatile Solids			Cadmium (Cd)		0.19
Total Suspended Solids			Chromium Total (Cr)		Suspended
Volatile Suspended Solids			Copper (Cu)		3.02
Petroleum Hydrocarbons		100	Lead (Pb)		0.54
Biochemical Oxygen Demand (BOD)			Molybdenum (Mo)		Suspended
Chemical Oxygen Demand (COD)			Mercury (Report to 0.XXX)		0.080
Total Organic Carbon (TOC)			Selenium (Se)		
Ortho Phosphates as P			Nickel (Ni)		5.9
Ammonia as NH ₃			Zinc (Zn)		1.67
Kjeldahl N as N					
			OTHER: (2)		
TTO (Report to 0.XXX) (1)					
TTVO (Report to 0.XXX) (1)					

(1) If required by Categorical Pretreatment Standards.

(2) List results for major components listed in question 36 and any additional parameters required by Categorical Pretreatment Standards.

For a SLUDGE (typically greater than 2% Total Solids) analyze for the parameters listed in Table 1B. Analysis for any metals listed in Table 1B should be for Total Metals (NOT TCLP METALS, WHICH ARE REQUIRED IN TABLE 3). Attach a complete laboratory analysis for all results listed in Table 1B including the Chain-of-Custody and signed Lab Certification.

Table 1B – SLUDGE

Parameter	Value	Parameter	Value (mg/kg)	Limit (mg/kg)
Total Solids	1.3%	Arsenic (As)	<3.08	41
Volatile Solids	.97%	Cadmium (Cd)	<1.23	39
Total Suspended Solids	10500 mg/kg	Chromium Total (Cr)	13.2	1,200
Petroleum Hydrocarbons	8080 mg/kg	Copper (Cu)	33.5	1,500
Ortho Phosphates as P	3650 mg/kg	Lead (Pb)	<6.15	300
Ammonia as NH ₃	<1540 mg/kg	Mercury (Hg)	<0.323	17
Kjeldahl N as N	67100 mg/kg	Molybdenum (Mo)	<6.15	Suspended
		Nickel (Ni)	5.28	420
		Selenium (Se)	<6.15	100
		Zinc (Zn)	85.4	2,800
		OTHER: (2)		
TTO (Report to 0.XXX) (1)				
TTVO (Report to 0.XXX) (1)				

(1) If required by Categorical Pretreatment Standards.

(2) List results for major components listed in question 36 and any additional parameters required by Categorical Pretreatment Standards.

46. List RCRA hazardous waste characterization analytical laboratory results and indicate which contaminants exceed regulatory levels. Attach RCRA hazardous waste characterization analytical laboratory results listed below. Analyses must be performed on a representative sample collected for the Liquid Waste that is the subject of this application.

IF ANY OF THE RCRA HAZARDOUS WASTE CHARACTERIZATION ANALYTICAL DATA VALUES EXCEED REGULATORY LEVELS, THE LIQUID WASTE CANNOT BE ACCEPTED FOR TREATMENT AT THE PASSAIC VALLEY SEWERAGE COMMISSIONERS (PVSC) WWTP. ANY PERSON DISCHARGING SUCH LIQUID WASTE VIA TRUCK TO PVSC'S WWTP FOR TREATMENT WILL BE SUBJECT TO PUNISHMENT INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

Table 2 – RCRA TOXICITY CHARACTERISITICS

Waste Characteristic	Regulatory Level	Value	Exceeds Regulatory Level?	
			Yes	No
D001: Ignitability	liquids with a flash point below 140° F or 60° C			
D002: Corrosivity	liquids with a pH below 2 and above 12.5			
D003: Reactivity	liquids that are chemically unstable and readily undergo violent change, are susceptible to detonation, react violently with water, or emit toxic fumes. Reactive sulfide above 500 ppm; reactive cyanide above 250 ppm.			

Toxicity Characteristic Leachate Procedure or TCLP:

TABLE 3

Maximum Concentration of Contaminants for the Toxicity Characteristic

EPA HW No. {1}	Contaminant	CAS No.{2}	Regulatory Level (mg/L)	Value (mg/L)	Exceeds Regulatory Level?	
					Yes	No
D004	Arsenic	7440-38-2	5.0			
D005	Barium	7440-39-3	100.0			
D006	Cadmium	7440-43-9	1.0			
D007	Chromium	7440-47-3	5.0			
D008	Lead	7439-92-1	5.0			
D009	Mercury	7439-97-6	0.2			
D010	Selenium	7782-49-2	1.0			
D011	Silver	7440-22-4	5.0			
D012	Endrin	72-20-8	0.02			
D013	Lindane	58-89-9	0.4			
D014	Methoxychlor	72-43-5	10.0			
D015	Toxaphene	8001-35-2	0.5			
D016	2,4-D	94-75-7	10.0			
D017	2,4,5-TP (Silvex)	93-72-1	1.0			
D018	Benzene	71-43-2	0.5			
D019	Carbon tetrachloride	56-23-5	0.5			
D020	Chlordane	57-74-9	0.03			
D021	Chlorobenzene	108-90-7	100.0			
D022	Chloroform	67-66-3	6.0			
D023	o-Cresol	95-48-7	{4} 200.0			
D024	m-Cresol	108-39-4	{4} 200.0			
D025	p-Cresol	106-44-5	{4} 200.0			
D026	Cresol		{4} 200.0			
D027	1,4 - Dichlorobenzene	106-46-7	7.5			
D028	1,2 - Dichloroethane	107-06-2	0.5			
D029	1,1 - Dichloroethylene	75-35-4	0.7			
D030	2,4 - Dinitrotoluene	121-14-2	{3} 0.13			
D031	Heptachlor (and its epoxide)	76-44-8	0.008			

TABLE 3 (cont.)

Maximum Concentration of Contaminants for the Toxicity Characteristic (cont.)

EPA HW No. {1}	Contaminant	CAS No.{2}	Regulatory Level (mg/L)	Value (mg/L)	Exceeds Regulatory Level?	
					Yes	No
D032	Hexachlorobenzene	118-74-1	{3} 0.13			
D033	Hexachlorobutadiene	87-68-3	0.5			
D034	Hexachloroethane	67-72-1	3.0			
D035	Methyl ethyl ketone	78-93-3	200.0			
D036	Nitrobenzene	98-95-3	2.0			
D037	Pentachlorophenol	87-86-5	100.0			
D038	Pyridine	110-86-1	{3} 5.0			
D039	Tetrachloroethylene	127-18-4	0.7			
D040	Trichloroethylene	79-01-6	0.5			
D041	2,4,5-Trichlorophenol	95-95-4	400.0			
D042	2,4,6-Trichlorophenol	88-06-2	2.0			
D043	Vinyl chloride	75-01-4	0.2			

{1} Hazardous waste number.

{2} Chemical abstracts service number.

{3} Quantitation limit is greater than the calculated regulatory level. The quantitation limit therefore becomes the regulatory level.

{4} If o-, m-, and p-Cresol concentrations cannot be differentiated, the total cresol (D026) concentration is used. The regulatory level of total cresol is 200 mg/l.

[55 FR 11862, Mar. 29, 1990, as amended at 55 FR 22684, June 1, 1990; 55 FR 26987, June 29, 1990; 58 FR 46049, Aug. 31, 1993]

NOTE: VERBAL COMMUNICATION

Verbal communication by the applicant shall not be accepted and no representative, agent or employee of PVSC is authorized to accept any verbal communication from the applicant to vary, alter or modify the terms of this application. Similarly, no representative, agent, or employee of PVSC has been authorized to make any representations or to vary, alter or modify the terms hereof. No additions, changes or modifications, renewals or extensions hereof, shall be binding unless reduced to writing and signed by the applicant and PVSC

CERTIFICATION:

I certify under penalty of law that this document and attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true accurate, and complete. I am aware that there are significant penalties for submitting false, information, including the possibility of fine and imprisonment.

I further certify that:

The analytical data presented herein or attached hereto were derived from testing a representative sample of the Liquid Waste collected in accordance with 40 CFR 261.20 (c) or equivalent rules.

The Liquid Waste is not a "hazardous waste" as defined by Federal regulation and/or State regulation

The Liquid Waste meets all applicable Federal categorical pretreatment standards.

The Liquid Waste does not contain regulated radioactive materials or regulated concentrations of PCBs.

All relevant information about the Liquid Waste regarding known or suspected hazards in the possession of the Generator has been disclosed

If any changes occur in the character of the Liquid Waste, the Generator shall notify PVSC in writing prior to providing the material for disposal

If the applicant is a corporation, a corporate resolution is attached granting me the authority to sign the application on behalf of the corporation.

Name of signing official: DONALD K. MERRIGAN

PRINT

PRESIDENT

TITLE

6/30/04

DATE

Donald K. Merrigan Pres
SIGNATURE

* APPLICATION MUST BE SIGNED BY ONE OF THE FOLLOWING:

- a Principal Officer of Corporation
- b President or Owner of Company
- c General Partner if a Partnership
- d. Plant Manager or Authorized Representative

Rev 11/25/03



Analytical Results



MICHELLE WEST
READINGTON FARMS, INC.
PO BOX 164
MILL ROAD
WHITEHOUSE, NJ 08888

Regarding:

MICHELLE WEST
READINGTON FARMS, INC.
PO BOX 164
MILL ROAD
WHITEHOUSE, NJ 08888

Account No: D00350, READINGTON FARMS, INC.
Project No: D00350 WASTE, READINGTON FARMS, INC.

P.O. No:
PWSID No:

Inv. No: 624336

Sample Number L1359291-1
Sample Description ANNUAL SLUDGE
Received Temp: 38°F Iced (Y/N): Y

Samp. Date/Time/Temp
09/02/04 07:15am NA°F

Sampled by
Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
ARSENIC	SW846 Method 6010B	ND mg/kg DRY	3.08 mg/kg	09/08/04 09:19AM BAB
CADMIUM	SW846 Method 6010B	ND mg/kg DRY	1.23 mg/kg	09/08/04 09:19AM BAB
CHROMIUM	SW846 Method 6010B	13.2 mg/kg DRY	3.08 mg/kg	09/08/04 01:49PM BAB
COPPER	SW846 Method 6010B	33.5 mg/kg DRY	3.08 mg/kg	09/08/04 09:19AM BAB
POTASSIUM	SW846 Method 6010B	6810 mg/kg DRY	308. mg/kg	09/08/04 09:31AM BAB
MOLYBDENUM	SW846 Method 6010B	ND mg/kg DRY	6.15 mg/kg	09/08/04 09:19AM BAB
NICKEL	SW846 Method 6010B	5.28 mg/kg DRY	3.08 mg/kg	09/08/04 09:19AM BAB
LEAD	SW846 Method 6010B	ND mg/kg DRY	6.15 mg/kg	09/08/04 09:19AM BAB
SELENIUM	SW846 Method 6010B	ND mg/kg DRY	6.15 mg/kg	09/08/04 09:19AM BAB
ZINC	SW846 Method 6010B	85.4 mg/kg DRY	3.08 mg/kg	09/08/04 09:19AM BAB
MERCURY	SW846 Method 7471	ND mg/kg DRY	0.323 mg/kg	09/15/04 02:40PM CC
KJELDAHL NITROGEN	EPA 600 Method 351.2	67100 mg/kg DRY	23100 mg/kg	09/14/04 07:00PM CWM
AMMONIA NITROGEN AS N	SM 19th Ed. 4500-NH3 B,C	ND mg/kg DRY	1540 mg/kg	09/09/04 09:00PM DS
NITRATE (AS N)	SW846 9056 wo/combustion	ND mg/kg DRY	385. mg/kg	09/07/04 08:00AM LC
ORTHO PHOSPHATE AS P	SM 19th Ed. 4500P-E	3650 mg/kg DRY	38.5 mg/kg	09/08/04 06:00AM TS
PHOSPHORUS TOTAL	EPA 600 Method 365.2	14700 mg/kg DRY	365. mg/kg	09/10/04 08:00AM TS
PETROLEUM HYDROCARBONS	EPA 600 Method 418.1 modif	8080 mg/kg DRY	1540 mg/kg	09/10/04 08:00AM MP
PHENOL	SW846 Method 9065A	1530 mg/kg DRY	120. mg/kg	09/03/04 01:00PM TLW
TOTAL SOLIDS PERCENT	SM 19th Ed. 2540G	1.300 %	0.01000 %	09/03/04 02:30PM P P
TOTAL SUSPENDED SOLIDS	SM 19th Ed. 2540D & 2540E	10500 mg/kg	20.0 mg/kg	09/09/04 07:45AM PBP
TOTAL VOLATILE RESIDUE	SM 19th Ed. 2540G	9650 mg/kg	2.00 mg/kg	09/07/04 12:30PM P P
TOTAL VOLATILE SOLIDS PERCENT	SM 19th Ed. 2540G	0.9700 %	0.01000 %	09/07/04 12:30PM P P

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident;
TNIC=too numerous to count
A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test "pH lab" is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
QC's lab certification ID's are: Southampton (NELAP) PADEP 09-131, NJDEP PA166, Bioassay PA034. NON-NELAP labs: Wind Gap-NJ PA001, Alltest-NJ 02015, Vineland-NJ 06005; PA 68-580.
All samples are collected as "grab" samples unless otherwise identified.

Thomas J. Hines
Thomas J. Hines, President

Readington Farms, Inc.
Wastewater Treatment Plant
Line Drawing

